

PATENT *L Parks*
1390-0126P *7-25-02*

#5/IDS

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: MAISI, Paivi et al.
Appl. No.: NEW Group:
Filed: October 19, 2001 Examiner:
For: METHODS AND TEST KITS FOR EVALUATING THE
PRESENCE AND SEVERITY OF RESPIRATORY
TRACT INFLAMMATION

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents
Washington, DC 20231

October 19, 2001

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

Docket No. 1390-0126P

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

Leonard R. Svensson, #30,330

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Enclosures: ☒ Form PTO-1449(s)
☐ Documents
☐ Foreign Search Report
☐ Fee
☐ Other: _____

(Rev. 09/26/01)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">ATTY DOCKET NO. 1390-0126P</td> <td style="width: 50%;">APPLICATION NO. NEW</td> </tr> <tr> <td colspan="2">APPLICANT MAISI, Paivi et al.</td> </tr> <tr> <td>FILING DATE October 19, 2001</td> <td>GROUP</td> </tr> </table>	ATTY DOCKET NO. 1390-0126P	APPLICATION NO. NEW	APPLICANT MAISI, Paivi et al.		FILING DATE October 19, 2001	GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,736,341	1998-04-07				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	WO 9410208 A1	1994-05-11	WIPO				
	WO 0020860 A1	2000-04-13	WIPO				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	Suzuki, Ryujiro et al., "MMP in bronchoalveolar lavage fluid in ARDS and its inhibitor", Surg. Trauma Immunol. Responses, 7(4), 98-102 1998
	Mautino, G. et al., "Increased release of matrix metalloproteinase-9 in bronchoalveolar lavage fluid and by alveolar macrophages of asthmatics" Am J Respir Cell Mol Biol 1997 Nov.; 17(5):583-91
	Bosse, M. et al., "Serum matrix metalloproteinase-9: Tissue inhibitor of metalloproteinase-1 ratio correlates with steroid responsiveness in moderate to severe asthma", Am J Respir Crit Care Med 1999 Feb.; 159(2):596-602
	Burnett, D. et al., "Tissue inhibitor of metalloproteinases and collagenase inhibitory activity in lung secretions from patients with chronic obstructive bronchitis: effect of corticosteroid treatment" Thorax 1986 Oct.; 41(10):740-5

EXAMINER	DATE CONSIDERED
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10/019248

Sheet 2 of 2 (10/19/01)
JC13 Rec'd PCT/PTO 19 OCT 2001

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	Mautino, G. "Increased expression of tissue inhibitor of metalloproteinase-1 and loss of correlation with matrix metalloproteinase-9 by macrophages in asthma" Lab Invest 1999 Jan.; 79(1):39-47
	Mautino, G. "Tissue inhibitor of metalloproteinase-1 levels in bronchoalveolar lavage fluid from asthmatic subjects" Am J Respir Crit Care Med 1999 Jul.; 60(1):324-30
	Hargreave, FE "The investigation of airway inflammation in asthma: sputum examination" Clin Exp Allergy 1997 May; 27 Suppl. 1:36-40

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